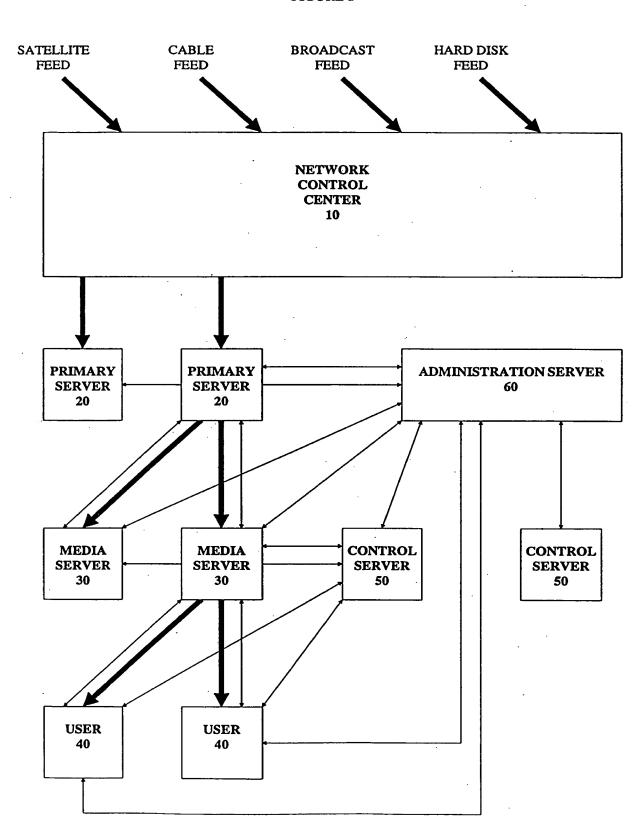


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FIGURE 1



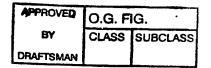
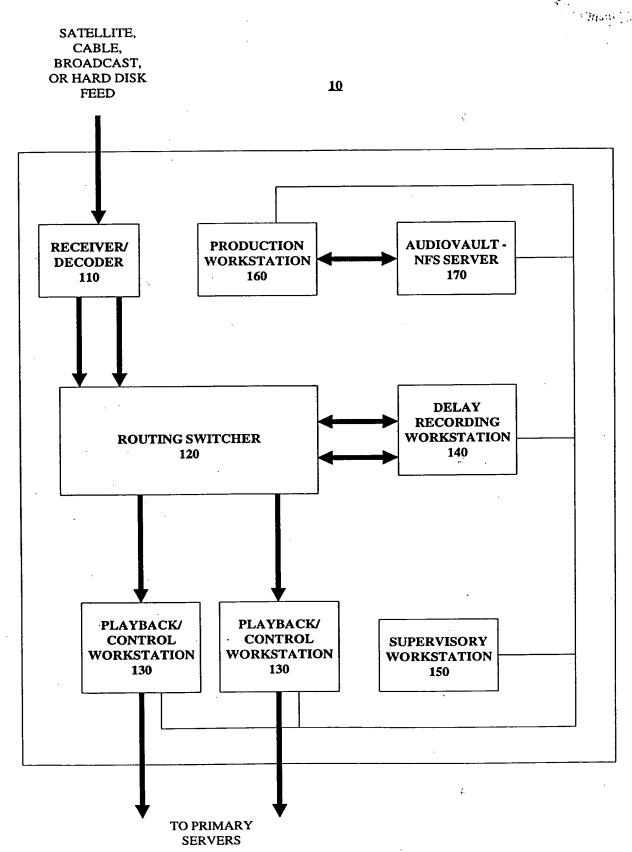


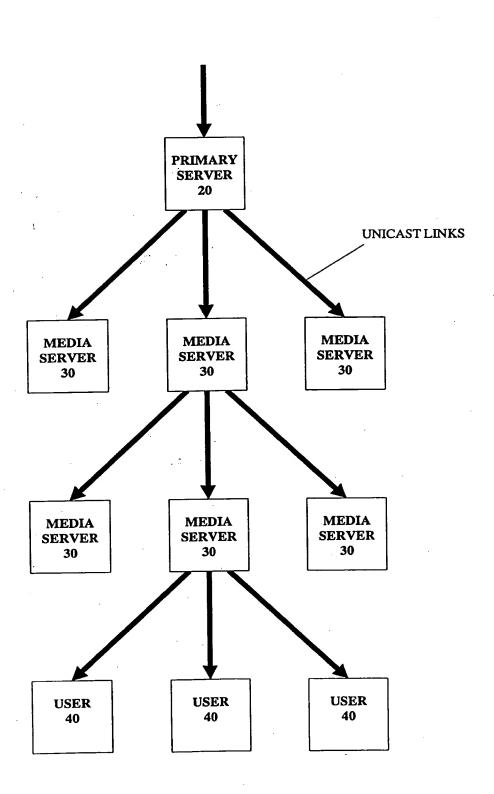
FIGURE 2



APPROVED	O.G. FIG.					
BY	CLASS	SUBCLASS				
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3/23

FIGURE 3



APPROVED	O.G. FIG.					
BY	CLASS	SUBCLASS				
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FIGURE 4

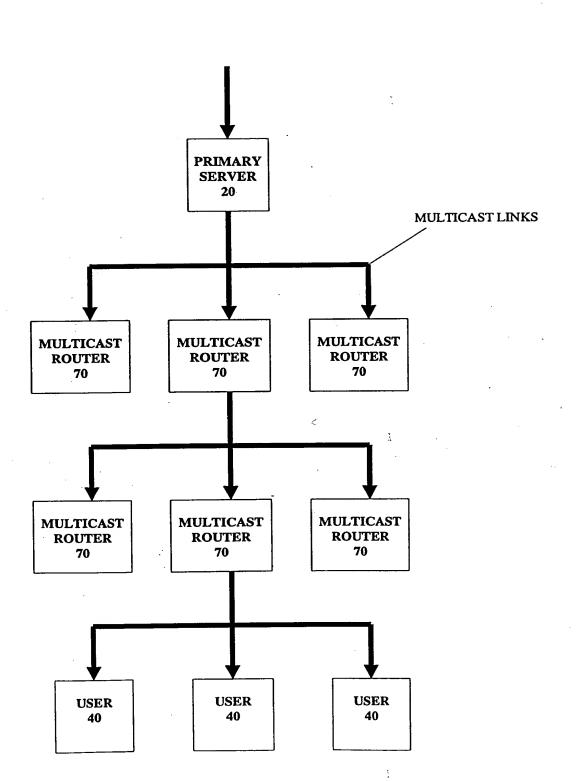
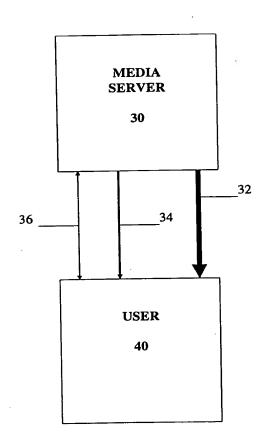


FIGURE 5



ADMINISTRATION SERVER			CHECK VERSION NUMBER		VERIFY INFORMATION CHECK NAME IS UNIQUE GENERATE SECURITY TOKEN UPDATE USER DATABASE		RETRIEVE CHANNEL GUIDE		•	
	OPEN TCP CONNECTION	VERSION OBJECT	VERSION OBJECT	USER OBJECT	RESULT MESSAGE OBJECT	CHANNEL GUIDE REQUEST OBJECT	CHANNEL GUIDE OBJECT	CLOSE TCP CONNECTION		FIGURE 6
USER	INSTALL SOFTWARE FILL OUT FORM ENTER NAME & PASSWORD SELECT SUBMIT			CHECK VERSION NUMBER		SAVE SECURITY TOKEN		DISPLAY CHANNEL GUIDE		

ADMINISTRATION SERVER			CHECK VERSION NUMBER		QUERY USER DATABASE RETRIEVE SECURITY TOKEN		RETRIEVE CHANNEL GUIDE		•	
	OPEN TCP CONNECTION	VERSION OBJECT	VERSION OBJECT	LOGIN INFO OBJECT	RESULT MESSAGE OBJECT	CHANNEL GUIDE REQUEST OBJECT	CHANNEL GUIDE OBJECT	CLOSE TCP CONNECTION		
USER	ENTER NAME & PASSWORD			CHECK VERSION NUMBER		SAVE SECURITY TOKEN		DISPLAY CHANNEL GUIDE		

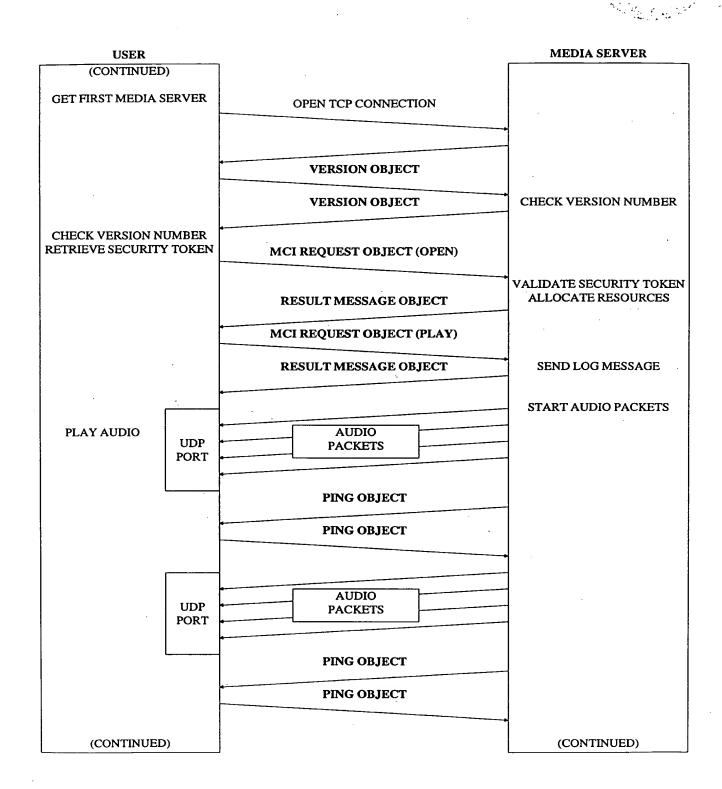
APPROVED	O.G. FIG.							
BY	CLASS	SUBCLASS						
DRAFTSMAN								

FIGURE 8A

MOED		ADMINISTRATION SERVER
USER	·	ADMINISTRATION DERVER
SELECT CHANNEL TO PLAY	OPEN TCP CONNECTION	
<u> </u>	VERSION OBJECT	
12	VERSION OBJECT	
	VERSION OBJECT	CHECK VERSION NUMBER
<u> </u>		7
CHECK VERSION NUMBER	_	
RETRIEVE SECURITY TOKEN	SERVER LIST REQUEST OBJECT	
		VALIDATE SECURITY TOKEN
		GENERATE SERVER LIST
	PROTOCOL LIST OBJECT	(ACTIVATE CHANNEL)
-		·
SAVE CONTROL SERVER LIST	CLOSE TCP CONNECTION	
		
		-
-		
	· ·	
	ODEN TOD CONNECTION	CONTROL SERVER
GET FIRST CONTROL SERVER	OPEN TCP CONNECTION	CONTROL SERVER
GET FIRST CONTROL SERVER	OPEN TCP CONNECTION	CONTROL SERVER
GET FIRST CONTROL SERVER	OPEN TCP CONNECTION	CONTROL SERVER
GET FIRST CONTROL SERVER		CONTROL SERVER
GET FIRST CONTROL SERVER	OPEN TCP CONNECTION VERSION OBJECT	CONTROL SERVER
GET FIRST CONTROL SERVER	VERSION OBJECT	
GET FIRST CONTROL SERVER		CHECK VERSION NUMBER
CHECK VERSION NUMBER	VERSION OBJECT	
	VERSION OBJECT	
CHECK VERSION NUMBER	VERSION OBJECT VERSION OBJECT	CHECK VERSION NUMBER
CHECK VERSION NUMBER	VERSION OBJECT VERSION OBJECT	
CHECK VERSION NUMBER	VERSION OBJECT VERSION OBJECT SERVER LIST REQUEST OBJECT	CHECK VERSION NUMBER VALIDATE SECURITY TOKEN
CHECK VERSION NUMBER	VERSION OBJECT VERSION OBJECT	CHECK VERSION NUMBER VALIDATE SECURITY TOKEN GENERATE SERVER LIST
CHECK VERSION NUMBER	VERSION OBJECT VERSION OBJECT SERVER LIST REQUEST OBJECT	CHECK VERSION NUMBER VALIDATE SECURITY TOKEN GENERATE SERVER LIST
CHECK VERSION NUMBER RETRIEVE SECURITY TOKEN	VERSION OBJECT VERSION OBJECT SERVER LIST REQUEST OBJECT PROTOCOL LIST OBJECT	CHECK VERSION NUMBER VALIDATE SECURITY TOKEN GENERATE SERVER LIST
CHECK VERSION NUMBER RETRIEVE SECURITY TOKEN	VERSION OBJECT VERSION OBJECT SERVER LIST REQUEST OBJECT PROTOCOL LIST OBJECT	CHECK VERSION NUMBER VALIDATE SECURITY TOKEN GENERATE SERVER LIST
CHECK VERSION NUMBER RETRIEVE SECURITY TOKEN	VERSION OBJECT VERSION OBJECT SERVER LIST REQUEST OBJECT PROTOCOL LIST OBJECT	CHECK VERSION NUMBER VALIDATE SECURITY TOKEN GENERATE SERVER LIST

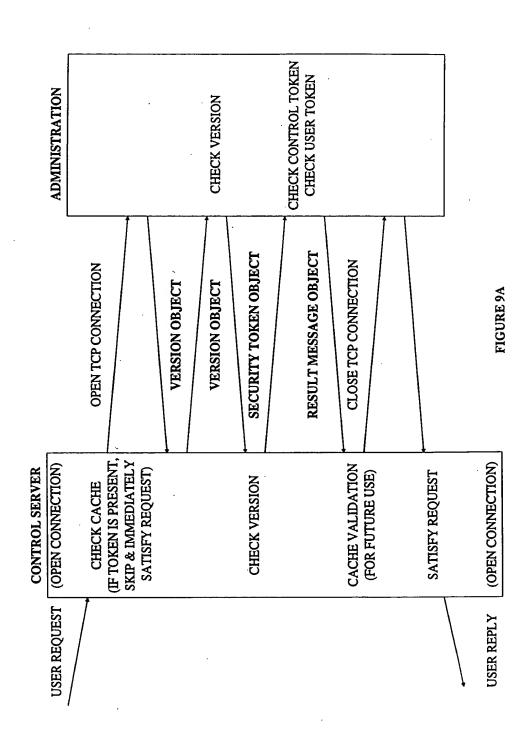
APPROVED	O.G. FIG.					
BY	CLASS	SUBCLASS				
DRAFTSMAN						

FIGURE 8B



MEDIA SERVER	(CONTINUED)		SEND LOG MESSAGE STOP AUDIO PACKETS				
		MCI REQUEST OBJECT (STOP)	RESULT MESSAGE OBJECT	MCI REQUEST OBJECT (CLOSE)	RESULT MESSAGE OBJECT	CLOSE TCP CONNECTION	
USER	(CONTINUED)	SELECT CHANNEL STOP				1	

FIGURE 8C



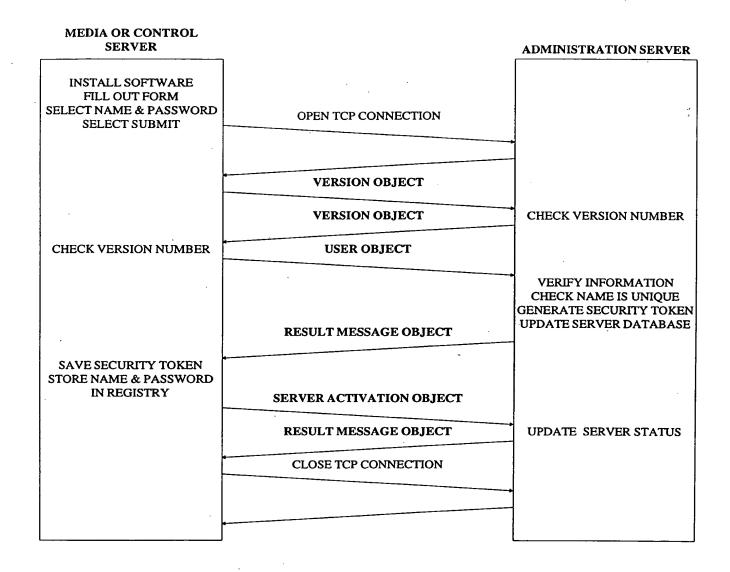
-APPROVED	O.G. F	IG.
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIGURE 9B

(SHOWN ABOVE)

REQUEST FROM	REQUEST TO	VALIDATION WITH
USER	CONTROL SERVER	ADMINISTRATION SERVER
USER	MEDIA SERVER	CONTROL SERVER
MEDIA SERVER	MEDIA SERVER	CONTROL SERVER
MEDIA SERVER	PRIMARY SERVER	ADMINISTRATION SERVER
MEDIA SERVER	CONTROL SERVER	ADMINISTRATION SERVER
CONTROL SERVER	MEDIA SERVER	ADMINISTRATION SERVER

APPROVED	O.G. FIG.						
BY	CLASS	SUBCLASS					
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ADMINISTRATION SERVER			CHECK VERSION NUMBER		QUERY SERVER DATABASE RETRIEVE SECURITY TOKEN		UPDATE SERVER STATUS			
	OPEN TCP CONNECTION	VERSION OBJECT	VERSION OBJECT	LOGIN INFO OBJECT	RESULT MESSAGE OBJECT	SERVER ACTIVATION OBJECT	RESULT MESSAGE OBJECT	CLOSE TCP CONNECTION		
MEDIA OR CONTROL SERVER	GET NAME & PASSWORD FROM REGISTRY			CHECK VERSION NUMBER		SAVE SECURITY TOKEN			-	

15/23

CONTROL SERVER	·		CHECK VERSION NUMBER		VALIDATE IP ADDRESS SAVE MEDIA SERVER INFORMATION			
	OPEN TCP CONNECTION	VERSION OBJECT	VERSION OBJECT	SERVER ACTIVATION OBJECT	RESULT MESSAGE OBJECT	CLOSE TCP CONNECTION		
ADMINISTRATION SERVER	PREPARE INFORMATION ON WHICH MEDIA SERVERS THIS CONTROL SERVER SHOULD MANAGE			CHECK VERSION NUMBER		¥	•	

FIGURE 12

APPROVED	O.G. F	IG.
BY	CLASS	SUBCLASS
DRAFTSMAN		

CONTROL SERVER		MEDIA SERVER
(FOR EACH MANAGED MEDIA SERVER)	OPEN TCP CONNECTION	
	VERSION OBJECT	
·	VERSION OBJECT	CHECK VERSION NUMBER
CHECK VERSION NUMBER	SERVER ACTIVATION OBJECT	
<i>:</i>	RESULT MESSAGE OBJECT	VALIDATE SECURITY TOKEN UPDATE INTERNAL STATUS
	(CHANNEL ACTIVATION AND DEACTIVATION SEQUENCES)	
	. PING OBJECT	
	PING OBJECT	
:	(CHANNEL ACTIVATION AND DEACTIVATION SEQUENCES)	
	CLOSE TCP CONNECTION	

APPROVED O.G. FIG.

BY CLASS SUBCLASS

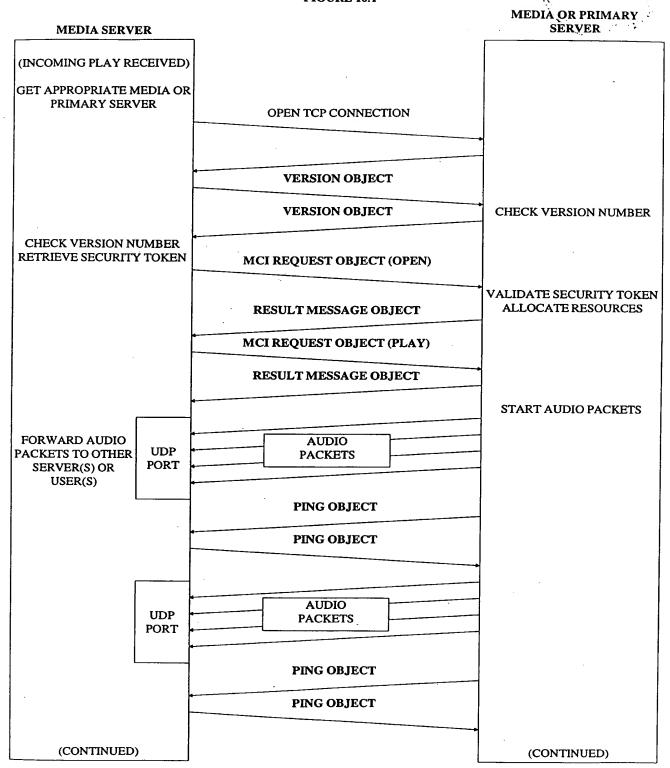
DRAFTSMAN

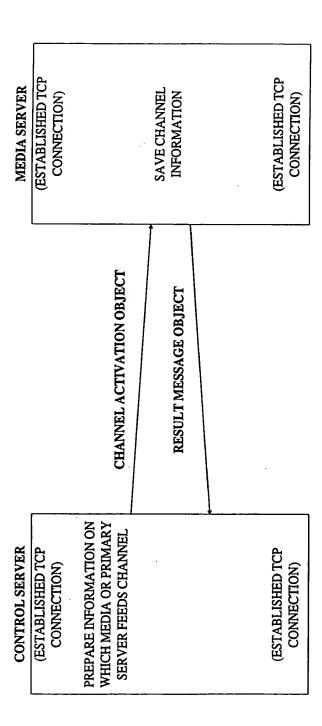
17/23

CONTROL SERVER		•		CHECK VERSION NUMBER		VALIDATE IP ADDRESS SAVE CHANNEL INFORMATION		<u> </u>	
	OPEN TCP CONNECTION		VERSION OBJECT	VERSION OBJECT	CHANNEL ACTIVATION OBJECT	RESULT MESSAGE OBJECT	CLOSE TCP CONNECTION		
ADMINISTRATION SERVER	PREPARE INFORMATION ON WHICH MEDIA OR PRIMARY SERVER FEEDS CHANNEL		* 1		CHECK VERSION NUMBER		* 1		

APPROVED	O.G. FIG.					
BY	CLASS SUBCLAS					
DRAFTSMAN		1				

FIGURE 16A





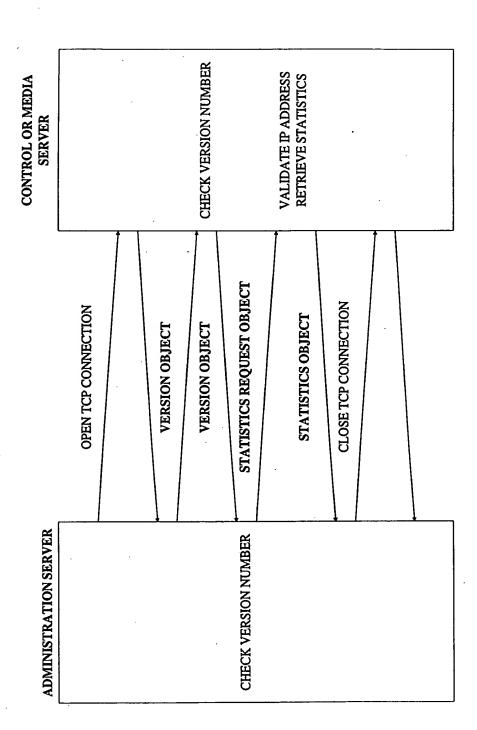
STOP AUDIO PACKETS PRIMARY SERVER (CONTINUED) MCI REQUEST OBJECT (CLOSE) MCI REQUEST OBJECT (STOP) RESULT MESSAGE OBJECT RESULT MESSAGE OBJECT CLOSE TCP CONNECTION (NO MORE CONNECTIONS WITH CHANNEL OPEN) MEDIA SERVER (CONTINUED)

FIGURE 16B

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21/23



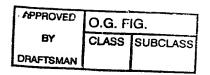
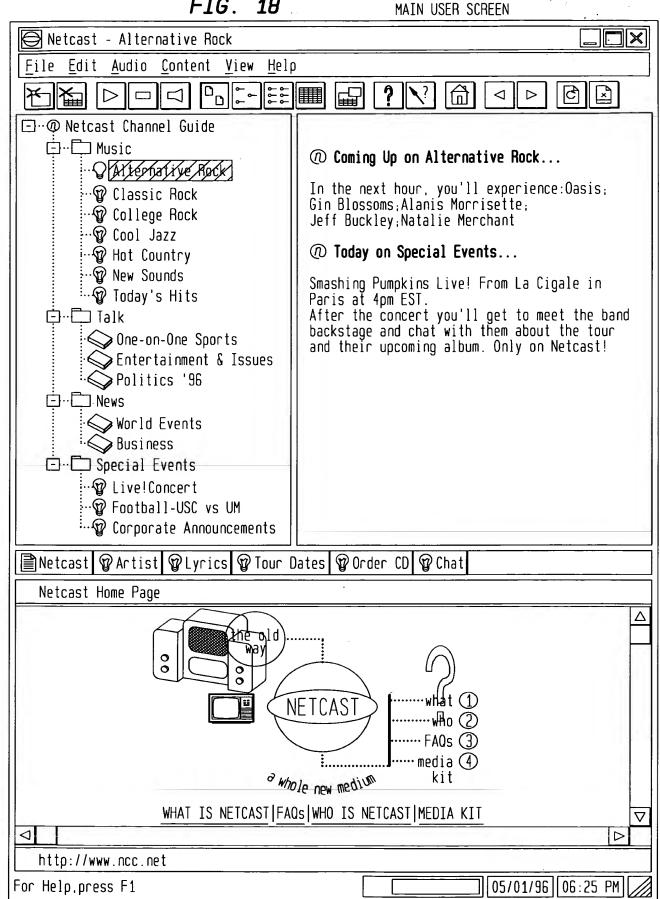


FIG. 18



APPROVED O.G. FIG.

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23/23

Figure 19
Key Pull-Down Menus on Main User Screen

File	Edit	Audio
Login Logout	Сору	Play
	Properties	Stop
Register		Mute
Close		
Exit		

View
Tool Bar
Status Bar
Web Bar

Help Topics
About...